IN THE CLAIMS:

Please amend the claims as follows:

1-8. (Canceled)

9. (Currently Amended) A computer implemented method for providing an indication of an annotation to a portion of a first view of data, comprising configuring one or more computer processors to perform an operation comprising:

receiving an annotation to the portion of the first view of data, wherein a view of data is any collection of data containing a set of visible query-related sub-objects, and wherein the portion of the first view of data comprises a query-related object comprising a subset of the set of visible query-related sub-objects, wherein the subset includes at least two of the visible query-related sub-objects;

storing the annotation to the portion of the first view of data;

generating a relationship between the annotation and each visible query-related sub-object of the portion of the first view of data, responsive to receiving to receiving the annotation to the portion of the first view of data;

storing the relationship between the annotation and each visible query-related sub-object of the portion of the first view of data;

providing an interface, wherein a second view of data is displayed via the interface;

analyzing, by operation of the one or more computer processors, the second view of data to identify query-related sub-objects visible in both the second view of data and the annotated portion of the first view of data, based on the generated relationships; and

providing an indication of the annotation in the interface, only if a predetermined set of the subset of visible query-related sub-objects is visible in the second view of data ~~are visible in the annotated portion of the first view of data~~, wherein providing an indication of the annotation in the interface comprises displaying an icon proximate one

or more query-related sub-objects visible in the second view of data that are also visible in the annotated portion of the first view of data.

10-13. (Canceled)

14. (Previously Presented) The method of claim 9, wherein more than one annotation is associated with one or more portions of data in the second view and separate icons for each annotation are displayed.

15. (Currently Amended) The method of claim 9, wherein:

the ~~method~~ operation further comprises displaying the annotation in response to a user selecting the icon.

16. (Currently Amended) The method of claim 9, ~~further comprising~~ wherein the operation further comprises providing an indication of one or more query-related sub-objects visible in the second view of data that are also visible in the annotated portion of the first view of data.

17. (Currently Amended) A computer implemented method of creating and displaying an annotation associated with an annotated portion of a first view of data, comprising configuring one or more computer processors to perform an operation comprising:

providing an interface, wherein the annotated portion of the first view of data is selected via the interface, wherein the annotation is created via the interface, wherein the annotated portion comprises at least two cells visible in the first view of data and wherein a view of data is any collection of data containing a set of visible query-related sub-objects;

~~creating an entry in a link table for each cell in the annotated portion, wherein the entry for each cell contains an indication of the annotations;~~

creating a record containing the annotation and a link to each cell in the annotated portion;

creating an entry in a link table for each cell in the annotated portion, wherein the entry for each cell contains an indication of the record;

presenting a second view of data;

analyzing, by operation of the one or more computer processors, the second view of data, the record, and the link table to identify cells visible in both the second view of data and the annotated portion of the first view of data; and

providing an indication of the annotation, only if a predetermined set of the at least two cells visible in the first view of data are ~~cells~~ visible in the second view of data ~~are visible in the referenced portion of the first view of data~~.

18. (Original) The method of claim 17, wherein the predetermined set of cells comprises at least one of:

all the cells visible in the annotated portion of the first view of data;

a predetermined number of cells visible in the annotated portion of the first view of data;

a specified set of cells visible in the annotate portion of the first view of data; and

a predetermined percentage of cells visible in the annotated portion of the first view of data.

19. (Original) The method of claim 18, wherein the predetermined set of cells is specified by a user via the interface allowing selection of the annotated portion of the first view of data and creation of the annotation.

20. (Currently Amended) The method of claim 18, ~~further comprising~~ wherein the operation further comprises providing a mechanism for identifying the predetermined set of cells, wherein the mechanism is accessible by a human user or a software application.

21. (Canceled)

22. (Previously Presented) The method of claim 17, wherein the entry for each cell contains an identifier uniquely identifying the record containing the annotation.

23. (Previously Presented) The method of claim 17, wherein analyzing the second view of data to identify cells visible in both the second view of data and the annotated portion of the first view of data comprises:

querying the link table to identify one or more annotations describing views of data containing cells in the second view of data;

retrieving annotation records for the one or more identified annotations; and

identifying cells visible in both the second view of data and views described by the identified annotations, based on cell links stored in the retrieved annotation records.

24-31. (Canceled)

32. (Currently Amended) A computer implemented method for providing an indication of an annotation to a portion of a first view of data, comprising configuring one or more computer processors to perform an operation comprising:

receiving an annotation to a portion of the first view of data, wherein a view of data is any collection of data containing a set of visible query-related sub-objects, and wherein the portion of the first view of data comprises a query-related object comprising a subset of the set of visible query-related sub-objects, wherein the subset includes at least two of the visible query-related sub-objects;

storing a set of query-related sub-object links for the annotation to the portion of the first view of data;

providing an interface, wherein a second view of data is displayed via the interface;

analyzing, by operation of the one or more computer processors, the second view of data and the set of set of query-related sub-object links to identify query-related sub-objects visible in both the second view of data and the annotated portion of the first view of data, comprising:

obtaining the set of query-related sub-object links stored with the annotation; and

identifying query-related sub-objects identified by the query-related sub-object links that are visible in the second view of data, and

providing an indication of the annotation in the interface, only if a predetermined set of the subset of query-related sub-objects is visible in the second view of data ~~are visible in the annotated portion of the first view of data~~.

33. (Previously Presented) The method of claim 32, wherein analyzing the second view of data to identify query-related sub-objects visible in both the second view of data and the annotated portion of the first view of data further comprises:

obtaining, based on query-related sub-objects visible in the second view of data, an indication of the annotation from a table; and

wherein obtaining a set of query-related sub-object links stored with the annotation comprises retrieving a record containing the annotation and the query-related sub-object links using the indication of the annotation obtained from the table.

34. (Currently Amended) A computer implemented method for providing an indication of an annotation to a portion of a first view of data, comprising configuring one or more computer processors to perform an operation comprising:

receiving an annotation to a portion of the first view of data, wherein a view of data is any collection of data containing a set of visible query-related sub-objects, and wherein the portion of the first view of data comprises a query-related object comprising a subset of the set of visible query-related sub-objects, wherein the subset includes at least two of the visible query-related sub-objects;

storing the annotation to the portion of the first view of data;

providing an interface, wherein a second view of data is displayed via the interface;

analyzing, by operation of the one or more computer processors, the second view of data and the annotation to the portion of the first view of data to identify query-related sub-objects visible in both the second view of data and the annotated portion of the first view of data; and

providing an indication of the annotation in the interface, only if a predetermined set of query-related sub-objects visible in the second view of data are visible in the annotated portion of the first view of data, and only if each query-related sub-object of

the subset ~~visible in the annotated portion of the first view of data~~ is visible in the second view of data.

Please add the following new claims:

35. (New) A computer readable storage medium containing a view annotation program which, when executed, performs an operation for providing an indication of an annotation to a portion of a first view of data, the operation comprising:

receiving an annotation to the portion of the first view of data, wherein a view of data is any collection of data containing a set of visible query-related sub-objects, and wherein the portion of the first view of data comprises a query-related object comprising a subset of the set of visible query-related sub-objects, wherein the subset includes at least two of the visible query-related sub-objects;

storing the annotation to the portion of the first view of data;

generating a relationship between the annotation and each visible query-related sub-object of the portion of the first view of data;

storing the relationship between the annotation and each visible query-related sub-object of the portion of the first view of data;

providing an interface, wherein a second view of data is displayed via the interface;

analyzing the second view of data to identify query-related sub-objects visible in both the second view of data and the annotated portion of the first view of data, based on the generated relationships; and

providing an indication of the annotation in the interface, only if a predetermined set of the subset of the query-related sub-objects is visible in the second view of data, wherein providing an indication of the annotation in the interface comprises displaying an icon proximate one or more query-related sub-objects visible in the second view of data that are also visible in the annotated portion of the first view of data.

36. (New) The computer readable storage medium of claim 35, wherein more than one annotation is associated with one or more portions of data in the second view and separate icons for each annotation are displayed.

37. (New) The computer readable storage medium of claim 35, wherein the operation further comprises displaying the annotation in response to a user selecting the icon.

38. (New) The computer readable storage medium of claim 35, wherein the operation further comprises providing an indication of one or more query-related sub-objects visible in the second view of data that are also visible in the annotated portion of the first view of data.